

## **What is claimed is:**

**[Claim 1]** A method to control operation of a portlet associated with a portal page, comprising:

deactivating a selected portlet in response to operating a deactivation feature; and  
reactivating the selected portlet in response to operating a reactivation feature.

**[Claim 2]** The method of claim 1, further comprising freezing a portlet content in the selected portlet in response to deactivating the selected portlet.

**[Claim 3]** The method of claim 1, further comprising disabling hyperlinks, buttons and other inputs to the selected portlet in response to deactivating the selected portlet.

**[Claim 4]** The method of claim 1, further comprising reconfiguring a portal server associated with the portal page to ensure that a portlet content of the selected portlet cannot be affected while the selected portlet is deactivated.

**[Claim 5]** The method of claim 1, further comprising detecting a deactivated state of the selected portlet.

**[Claim 6]** The method of claim 1, further comprising replacing a content of the selected portlet with a frozen content in response to a portal server detecting a deactivated state of the selected portlet.

**[Claim 7]** The method of claim 1, further comprising enabling hyperlinks, buttons and other inputs to the selected portlet in response to reactivating the selected portlet.

**[Claim 8]** The method of claim 1, further comprising permitting a content of the selected portlet to be updated in response to reactivating the selected portlet.

**[Claim 9]** The method of claim 1, further comprising launching a new portlet similar to the deactivated, selected portlet in response to a portal server receiving a request that calls for use of the deactivated, selected portlet if the deactivated, selected portlet is a singleton portlet.

**[Claim 10]** A method to control operation of a portlet associated with a portal page, comprising:

- deactivating a selected portlet in response to operating a deactivation feature;

- overlaying the selected portlet with an electronic pane or window to block all inputs of the selected portlet while the selected portlet is deactivated; and

- reactivating the selected portlet in response to operating a reactivation feature.

**[Claim 11]** The method of claim 10, further comprising automatically replacing a content of the selected portlet with a frozen content in response to detecting a deactivated state of the selected portlet.

**[Claim 12]** The method of claim 10, further comprising removing the overlaying pane in response to a portal server detecting a reactivated state of the selected portlet.

**[Claim 13]** The method of claim 10, further comprising automatically replacing a frozen content of the selected portlet with any updated content in response to reactivating the selected portlet.

**[Claim 14]** The method of claim 10, further comprising launching a new portlet similar to the deactivated, selected portlet in response to a portal server receiving a request that calls for the deactivated, selected portlet and the deactivated, selected portlet being a singleton portlet.

**[Claim 15]** A method to control operation of a portlet associated with a portal page, comprising:

- preserving, freezing or caching data or information in a selected portlet;
- and
- changing a behavior of the portlet on the portal page.

**[Claim 16]** The method of claim 15, further comprising preventing the portlet from being affected by refreshes across the portal page.

**[Claim 17]** The method of claim 15, further comprising selectively toggling the portlet to change the portlet's ability to be targeted by a portal click-to-action feature.

**[Claim 18]** The method of claim 15, further comprising:

- selectively ignoring a presence of a singleton portlet; and
- creating a new instance of the singleton portlet in response to the singleton portlet being needed to perform a task.

**[Claim 19]** A portal page, comprising:

- a plurality of portlets; and

a deactivation feature associated with at least one of the plurality of portlets to deactivate the portlet to preserve a selected content of the at least one portlet.

[Claim 20] The portal page of claim 19, wherein the at least one portlet comprises a reactivation feature formed in response to the at least one portlet being deactivated.

[Claim 21] The portal page of claim 19, further comprising an electronic pane or window overlaying the at least one portlet to block all inputs of the at least one portlet while the at least one portlet is deactivated.

[Claim 22] The portal page of claim 19, further comprising another portlet similar to the at least one portlet being launched in response to a request that calls for use of the at least one portlet, if the at least one portlet is deactivated and a singleton portlet.

[Claim 23] A method to form a portal page, comprising:

- providing a plurality of portlets; and
- providing a deactivation feature associated with at least one of the plurality of portlets to deactivate the portlet to preserve a selected content of the at least one portlet.

[Claim 24] The method of claim 23, further comprising forming a reactivation feature in response to the at least one portlet being deactivated.

[Claim 25] The method of claim 23, further comprising forming an electronic pane or window overlaying the at least one portlet to block all inputs of the at least one portlet while the at least one portlet is deactivated.

**[Claim 26]** The method of claim 23, further comprising providing another portlet similar to the at least one portlet in response to a request that calls for use of the at least one portlet, if the at least one portlet is deactivated and a singleton portlet.

**[Claim 27]** A system to control operation of a portlet, comprising:  
a portal server; and  
a portlet deactivation/reactivation feature operable on the portal server.

**[Claim 28]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means to deactivate a selected portlet in response to operating a deactivation feature.

**[Claim 29]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means to reactivate a deactivated portlet in response to operating a reactivation feature.

**[Claim 30]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means for freezing a portlet content in a selected portlet in response to deactivating the selected portlet.

**[Claim 31]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means for disabling hyperlinks, buttons and other inputs to a selected portlet in response to deactivating the selected portlet.

**[Claim 32]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means to reconfigure the portal server to ensure that a portlet content of a selected portlet cannot be affected while the selected portlet is deactivated.

**[Claim 33]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means for detecting a state of a portlet.

**[Claim 34]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means for replacing a content of a deactivated portlet with a frozen content in response to the portal server detecting a deactivated state of the deactivated portlet.

**[Claim 35]** The system of claim 27, wherein the portlet deactivation/reactivation feature comprises means for launching a new portlet similar to a deactivated portlet in response to the portal server receiving a request that calls for use of the deactivated portlet if the deactivated portlet is a singleton.

**[Claim 36]** The system of claim 27, further comprising means for preventing the portlet from being affected by refreshes across the portal page.

**[Claim 37]** The system of claim 27, further comprising means for selectively toggling the portlet to change the portlet's ability to be targeted by a portal click-to-action feature.

**[Claim 38]** A method of making a system to control operation of a portlet, comprising:

- providing a portal server; and

- providing a portlet deactivation/reactivation feature operable on the portal server.

**[Claim 39]** The method of claim 38, further comprising providing means for freezing a portlet content in a selected portlet in response to deactivating the selected portlet.

**[Claim 40]** The method of claim 38, further comprising providing means for disabling hyperlinks, buttons and other inputs to a selected portlet in response to deactivating the selected portlet.

**[Claim 41]** The method of claim 38, further comprising providing means to reconfigure the portal server to ensure that a portlet content of a selected portlet cannot be affected while the selected portlet is deactivated.

**[Claim 42]** The method of claim 38, further comprising providing means for replacing a content of a deactivated portlet with a frozen content in response to the portal server detecting a deactivated state of the portlet.

**[Claim 43]** The method of claim 38, further comprising providing means for launching a new portlet similar to a deactivated portlet in response to the portal server receiving a request that calls for use of the deactivated portlet if the deactivated portlet is a singleton.

**[Claim 44]** A computer-readable medium having computer-executable instructions for performing a method, comprising:

deactivating a selected portlet in response to operating a deactivation feature; and

reactivating the selected portlet in response to operating a reactivation feature.

**[Claim 45]** The computer-readable medium having computer executable instructions for performing the method of claim 44, further comprising

freezing a portlet content in the selected portlet in response to deactivating the selected portlet.

**[Claim 46]** The computer-readable medium having computer executable instructions for performing the method of claim 44, further comprising disabling hyperlinks, buttons and other inputs to the selected portlet in response to deactivating the selected portlet.

**[Claim 47]** The computer-readable medium having computer executable instructions for performing the method of claim 44, further comprising reconfiguring a portal server associated with the portal page to ensure that a portlet content of the selected portlet cannot be affected while the selected portlet is deactivated.

**[Claim 48]** The computer-readable medium having computer executable instructions for performing the method of claim 44, further comprising overlaying the selected portlet with an electronic pane or window to block all inputs of the selected portlet while the selected portlet is deactivated.